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A.D. 1864, 29<sup>th</sup> FEBRUARY. N° 500.

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SPECIFICATION

OF

WILLIAM EDWARD GEDGE.

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HYGIENIC AND INODOROUS APPARATUS  
FOR CRADLES OR COTS.

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LONDON:

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A.D. 1864, 29th FEBRUARY. N° 500.

## Hygienic and Inodorous Apparatus for Cradles or Cots.

*(This Invention received Provisional Protection only.)*

PROVISIONAL SPECIFICATION left by William Edward Gedge at the Office of the Commissioners of Patents, with his Petition, on the 29th February 1864.—A communication from abroad by Geofroy-Gomez, of No. 15, Passage des Petites Ecuries, Paris, France, Surgeon-Dentist.

5 I, WILLIAM EDWARD GEDGE, of the Firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, do hereby declare the nature of the said Invention for “A HYGIENIC AND INODOROUS APPARATUS APPLICABLE TO THE CRADLES OR COTS OF CHILDREN AND TO THE BEDS OF ADULT INVALIDS,” (a communication to me from abroad by  
10 Paul Geofroy-Gomez, of No. 15, Passage des Petites Ecuries, Paris, France, Surgeon Dentist,) to be as follows:—

The child's cradle or cot may be of any form, and at one of its sides will be made an opening intended to receive a drawer. On this cot will be placed a spring matrass, in the centre of which an opening will be formed  
15 corresponding with the above-mentioned drawer which enters beneath the said matrass. Corresponding with this drawer is a funnel-shaped basin, provided at its lower end with a valve intended to intercept the air and the gases produced by the fecal matters which fall into the drawer; on the spring matrass is placed a woollen one, having in its centre an opening similar to  
20 that of the spring matrass; on this woollen matrass is a linen sheet pierced like the matrasses; lastly, on this orifice is placed a cushion of round and convex form, made of caoutchouc or gutta percha, and having a tube of the same material intended to inflate it with air. At about two inches from the circumference of the opening of the cushion is glued a band of caoutchouc or

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*Gedge's Hygienic and Inodorous Apparatus for Cradles or Cots.*

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gutta percha, furnished with buttons and button-holes, and so shaped that the child being laid on the cushion, this band folded over its thighs and buttocks envelops it in the same manner as if it wore bathing drawers. This caoutchouc or gutta percha band rises only half way up the child's belly, and covers only half the width of its buttocks. The result of this combination is that 5 when the child evacuates, the urine and the fecal matters fall into the basin, and by their weight open the valve at the bottom, which having allowed them to fall into the drawer beneath, shuts immediately.

This Invention is intended to be applied not only to children's cradles or cots, but also to the beds of invalid and infirm adults, and persons suffering 10 from fractures or wounds. Caoutchouc or (gutta percha) is used for the drawer, pan, and valve as being an impermeable body not easily broken, but any suitable material may be substituted.

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Printers to the Queen's most Excellent Majesty. 1864.